

## **MS Chi-Cheemaun** 111 m Vehicle/Passenger Ferry

### **MACHINERY SPECIFICATIONS:**

- 4 x Cat C280-6 main engines  
1730 kW each @ 900 rpm
- 2 x Lufkin CSQ8400S reduction gearboxes  
with pneumatically actuated clutches
- 2 x KaMeWa CP Propellers

### **PMC SUPPLIED EQUIPMENT:**

- **MPC-CP** Digital Marine Propulsion Control
- Electronic Speed Control /Automatic Load Sharing
- Electronic Pitch Control / Automatic Load Control
- **IMACS** Integrated Machinery, Alarm and Control System
- **Omnj Chief** Distributed Control and Monitoring Unit
- PCH Electric Shaft Control Heads with Integral Telegraph
- UDC Universal Display and Control Panels
- Electro-Pneumatic Clutch Control Panels with Soft Engage
- Drop in Propulsion Control and Instrumentation Plates



**The first marine installation of the Caterpillar C-280-6**

## **MV Taku** 107 m Vehicle/Passenger Ferry

### **MACHINERY SPECIFICATIONS:**

- 2 x MaK 8M453C main engines  
2940 kW each @ 600 rpm  
with pneumatic speed setting governors
- 2 x reduction gearboxes with  
pneumatically actuated clutches
- 2 x Ulstein E85/4 - FOD G95  
CP propellers

### **PMC SUPPLIED EQUIPMENT:**

- **MPC-CP** Digital Marine Propulsion Control
- Electronic Speed Control with Electro-Pneumatic Interface
- Electronic Pitch Control / Automatic Load Control
- PCH Electric Shaft Control Heads with DCH Remote Display
- UDC Universal Display and Control Panels
- Electro-Pneumatic Clutch Control Panels with Soft Engage
- Alarm Panels
- Drop in Propulsion Control and Instrumentation Plates



**PRIME MOVER CONTROLS INC.**

## *MV Steilacoom II*

### **65.8 m Double Ended Vehicle/Passenger Ferry**

**Two remote bridge control stations and two engine room control stations  
Controls for vessels with controllable pitch propellers**

#### **MACHINERY SPECIFICATIONS:**

- 2 x CAT 3508B main engines @ 1050 HP with ADEM III ECM
- 2 x ZF W4400 reduction gearboxes with solenoid activated clutch
- 2 x Hundested CP propellers with PVG-32 analog proportional valves

#### **PMC SUPPLIED EQUIPMENT:**

- MPC-CP Marine Propulsion Control System for vessels with controllable pitch propellers
- Automatic load control
- Direct communication link to engines
- MCH-ET Remote Control Heads
- Type 8010 Navigation Light Control Panel



## *MV Island Home*

### **77.7 m Double Ended Vehicle/Passenger Ferry**

**Six remote bridge control stations and one engine room control station  
Controls for vessels with fixed pitch propellers**

#### **MACHINERY SPECIFICATIONS:**

- 2 x EMD 12-710G7B main engines 3000 HP @ 900 rpm
- 2 x Reintjes WAF 3445K reduction gearboxes

#### **PMC SUPPLIED EQUIPMENT:**

- MPC-D Marine Propulsion Control System with dynamic braking and power boost
- DCH Digital Control Head
- MCH-ET Remote Control Heads
- DCH Remote Displays
- Type 8118 Digital Tachometers



### **PRIME MOVER CONTROLS INC.**

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